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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

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May 4, 1979

Mr. Walter McCormick
Assistant to the General Manager
Magnesium Division
N.L. Industries, Inc.
238 North 2200 West
Salt Lake City, Utah 84116

RE: N.L. Industries' Magnesium Plant
Rowley Utah
Tooele County, Utah
ACT/045/008

Dear Walter:

Enclosed is a copy of the bond form for surety, also enclosed is an estimate of what the Division feels it would cost to reclaim the area. I hope this is acceptable to you, if you have any questions about these documents, please contact the Division.

If N.L. Industries accepts the amount of surety estimated by the Division, the Division staff will take the plan before the Board of Oil, Gas, and Mining for concurrence. This would be on schedule for the end of June date for final approval.

We look forward to your reply.

Sincerely,

THOMAS J. SUCHOSKI
RECLAMATION HYDROLOGIST

TJS/te

Enclosure: MR-5 (bond form)
Surety Estimate

cc: John Blake, State Lands

100040

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: N.L. Industries
MINE NAME: Rowley Magnesium Plant
LOCATION: Section 10, Township 2 North, Range 6 West
COUNTY: Tooele
DATE: May 4, 1979

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	\$1,000.00	Lump sum	\$1,000.00
	2. Removal of trash & debris.	\$ 500.00	Lump sum	\$ 500.00
	3. Leveling of ancillary facilities pads and access roads.	200 yd ³	\$2.25/yd ³	\$ 450.00
B.	REGRADING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.			
	2. Recontouring of highwalls and excavations.			
	3. Spreading of soil or surficial materials.	4,800 yd ³	\$0.84/yd ³	\$4,116.00
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	24,200 yd ²	\$0.213/yd ²	\$5,154.60
	2. Seeding or planting.	5 acre	\$150.00/ac	\$ 750.00
	3. Construction of terraces, waterbars, etc.			
D.	LABOR			
	1. Supervision.			
	2. Labor exclusive of bulldozer time.			
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.			
	2. Removal or neutralization of explosive or hazardous materials.			
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.			
G.	OTHER			
			Subtotal	\$11,970.60
	1. Bond for life of 5 years.	CAF=1.2763	Total	\$15,278.08

100041

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

THE MINED LANDS RECLAMATION ACT

BOND

KNOW ALL MEN BY THESE PRESENCE, that the undersigned _____
_____ as principal, and _____ as
surety, are held and firmly bound unto the State of Utah, Division of Oil, Gas,
and Mining, in the penal sum of _____ dollars (\$_____))
for the payment of which sum, will and truly be made, we hereby jointly and
severally bind ourselves, our heirs, administrators, executors, successors, and
assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that whereas the above
named principal did on the _____ day of _____ 19____, file with the
Division of Oil, Gas, and Mining a "Notice of Intention to Commence Mining
Operations" and a "Mining and Reclamation Plan", to secure authorization to en-
gage in mining operations in the State of Utah, under the terms and provisions
of the Mined Land Reclamation Act; that in said Notice the principal estimated
that _____ acres of land will be affected by mining. Said land is de-
scribed as follows in Exhibit "A" attached hereto.

NOW, if the said principal shall satisfactorily reclaim the above men-
tioned lands affected by mining by said principal in accordance with the Mining
and Reclamation Plan and shall faithfully perform all requirements of the Mined
Land Reclamation Act, and comply with the Rules and Regulations adopted in ac-
cordance therewith, then this obligation shall be void; otherwise it shall re-
main in full force and effect until the reclamation is completed as outlined in
the approved Mining and Reclamation Plan.

If the said approved plan provides for reclamation of the land affected
on a piecemeal or cyclic basis, and said land is reclaimed in accordance with
such plan, then this bond may be reduced periodically.

In the converse, if the said plan provides for a gradual increase in
the area of the land affected or increased reclamation work, then this bond may
accordingly be increased with the written approval of the surety company.

NOTE: Where one signs by virtue of Power of Attorney for a surety
company, such Power of Attorney must be filed with this bond. If the principal
is a corporation, the bond shall be executed by its duly authorized officers with
the seal of the corporation affixed.

Principal (Company)

Date: _____ By: _____
Company Official - position

Surety (Company)

Date: _____ By: _____
Official of Surety - Position